

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

In the Claims:

1. (Currently Amended) A circuit sheet, comprising:
a substrate; and
wells disposed on the substrate and operable to hold respective conductive polymers that form circuit devices that can be interconnected to form an electronic circuit.

2. (Original) The sheet of claim 1, further comprising:
a first set of ridges formed in a first direction on the substrate;
a second set of ridges formed in a second direction on the substrate, the second direction being substantially perpendicular to the first direction; and
wherein the wells are defined by respective intersections of the first and second sets of ridges.

3. (Original) The sheet of claim 1 wherein the substrate is flexible.

4. (Currently Amended) A circuit sheet, comprising:
a substrate; and
a chemical treatment disposed on regions of the substrate and operable to limit the sizes of conductive-polymer dots printed onto the regions.

5. (Currently Amended) An electronic deviceapparatus, comprising:
a substrate;
conductive polymer dots disposed on the substrate in predetermined locations;
and

a connection layer that interconnects the dots to form a circuit.

6. (Currently Amended) ~~The circuit electronic device apparatus~~ of claim 5, further comprising a display disposed on the connection layer and operable to be driven by the circuit.

7. (Currently Amended) ~~The circuit apparatus~~ of claim 5 wherein at least one of the conductive polymer dots comprises polymer poly-paraphenylene vinylene poly-paraphenylene (PPP).

8. (Currently Amended) ~~The circuit apparatus~~ of claim 5 further comprising wells formed on the substrate in the predetermined locations and holding the dots.

9. (Currently Amended) ~~The circuit apparatus~~ of claim 5 wherein the predetermined locations of the substrate are chemically treated to limit the size of the dots.

10. (Currently Amended) A circuit sheet, comprising:
~~a one and only one substrate; and~~
~~circuit components-transistors~~ disposed on the substrate and formed from a conductive polymer, wherein the transistors are isolated from one another and are operable to be interconnected to form an electronic circuit.

11. Cancelled.

12. (Currently Amended) A circuit, comprising:
~~a one and only one substrate;~~
~~circuit components-transistors~~ disposed on the substrate and formed from a conductive polymer; and

conductive traces disposed on the substrate and interconnecting the circuit components transistors in a predetermined topology to form an electronic circuit.

13. (Currently Amended) The circuit of claim 12, further comprising a display disposed on the substrate and operable to be driven by the interconnected circuit components transistors.

14. – 21. Cancelled.

22. (New) The circuit sheet of claim 1, wherein the circuit devices comprise transistors.

23. (New) The circuit sheet of claim 4, wherein the chemical treatment smoothens a surface of the substrate.

24. (New) The circuit sheet of claim 4, wherein the chemical treatment comprises a wax.

25. (New) The apparatus of claim 5, further comprising groups of conductive polymer dots disposed on the substrate in predetermined locations, each group comprising a respective transistor.

26. (New) The apparatus of claim 5, wherein the wells also hold nonconductive polymer dots.

27. (New) The circuit of claim 12, wherein the conductive traces are formed from a conductive polymer.